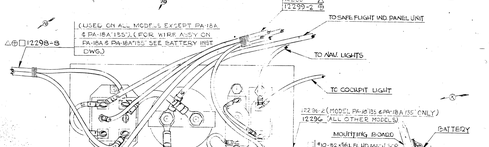
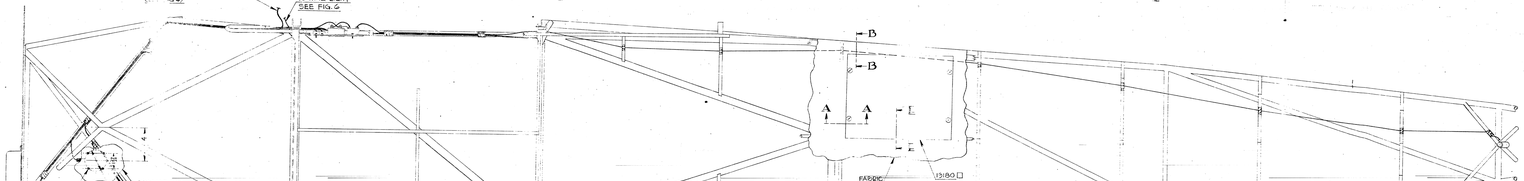

(USED ON ALL MODELS EXCEPT PA-18A & PA-18A-135) (FOR WIRE ASSY ON PA-18A & PA-18A-135 SEE BATTERY INST. DWG.)
TO SAFE FLIGHT WD PANEL UNIT
TO NAV LIGHTS
TO COCKPIT LIGHT
(PA-18 (MODEL PA-18-135 & PA-18A-135 ONLY) ALL OTHER MODELS)
MOUNTING BOARD
BATTERY

FIG 1
SWITCH PANEL WIRING
FULL SIZE.



SECTION F-F
FULL SIZE.

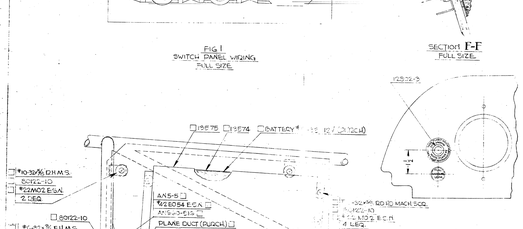


FIG 3
BATTERY BOX INST.
L.H. LIFT.

FIG 2
SAFE FLIGHT INDICATORS LIGHT INST.
R.H. LIFT.

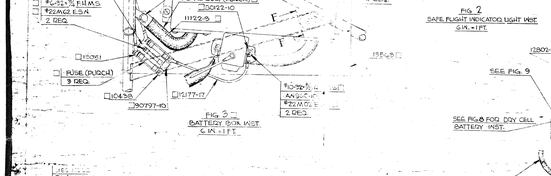


FIG 4
SAFE FLIGHT WING UNIT INST.
(ON RIGHT WING ONLY)
R.H. LIFT

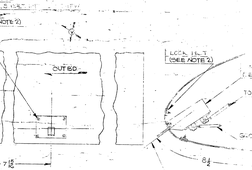


FIG. 5
TAIL LIGHT INST.
FULL SIZE

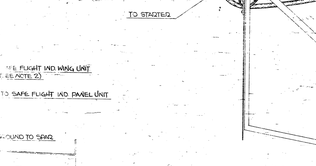
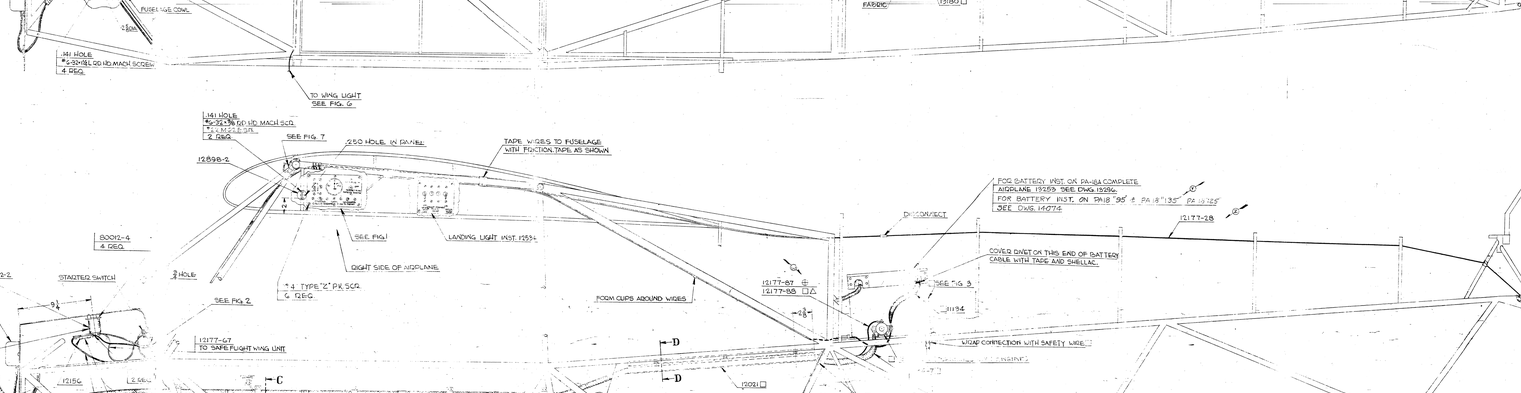


FIG. 6
WING LIGHT INST.
FULL SIZE



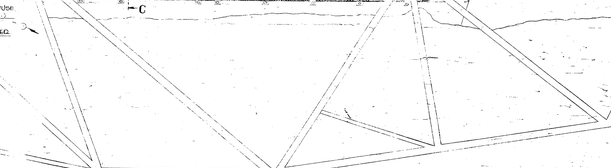


FIG. 7
WIRE CONNECTION INST.
R.H. LIFT.

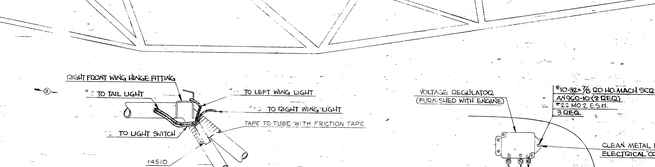
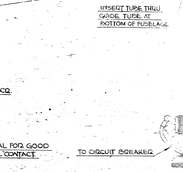
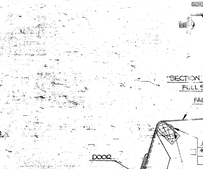


FIG. 8
DRY CELL BATTERY INST.
(USED WITH SAFE FLIGHT WDCASE WHEN ELECTRICAL SYSTEM IS NOT INSTALLED)

VOLTAGE REGULATOR (PUSH-SIDED WITH EARWIG)
#10-32x7/8 OD HD MACH SCR AN960-10 (OR EQUIV.)
#22 MS 20426 E.S.H.
3 DEG.
CLEAN METAL FOR GOOD ELECTRICAL CONTACT
TO CIRCUIT BOREARDS
TO MASTER SWITCH
TO STARTER
#6-32x7/8 OD HD MACH SCR AN960-10 (OR EQUIV.)
#22 MS 20426 E.S.H.
2 DEG.
14230-5 TO "A" TERMINAL OF GENERATOR
11A12177-22 TO "A" TERMINAL OF GENERATOR

FIG. 9
VOLTAGE REGULATOR INST.
3 PLACES.





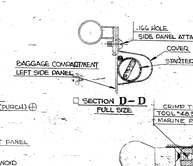
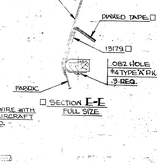
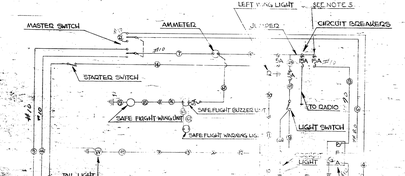


FIG. 10
TYPICAL NAVIGATION LIGHT WIRE INST.
FULL SIZE.





WIRING DIAGRAM

DEC 10 1878

NOTE
1. WOOD WINGS WITH FRICTION TAPE & SHELLAC MADE CONTACTING SHEET EDGES OF ALUMINUM STRUCTURE.
2. SAFE FLIGHT INDICATOR KIT CONSISTS OF:
1 WING UNIT #168
4 LOCK NUTS
4 SHEET METAL SCREWS #6-32 R.H.
1 PANEL UNIT #1-01-0000 (SEE NOTE 6)
1 PANEL PLACARD (SEE NOTE 6)
1 PANEL UNIT LAMP CAP #1-01-0004 (SEE NOTE 6)
4 #6-32 SS "K" SCREW
3. OR LEAR RADIO INSTALLATION, SEE DWG 13330
4. SAFE FLIGHT PANEL UNIT REMOVED SEE DWG 12302
5. OR MODELS PA-18 (95-105-108-125-135) SERIES AND CIRCUIT PROTECTOR & GENERATOR CIRCUIT - SMALL OTHER MODELS USE 15 AMP CIRCUIT PROTECTOR.
6. FOR NARCO RADIO INSTALLATION SEE DWG 13390

⊕ USED WITH CONTINENTAL C-90-12F ENGINE ONLY
□ USED WITH LYC O-290-D(2) 260-12C ENGINES ONLY

ITEM	QTY	BASIC INSTALLATION NOTES
11134	1	WIRE ASSY. WING TIP SFI INST. WITH PA-18 (105 HP)
2236	1	WIRE ASSY. PA-18 (135 HP)
11134-2	1	WIRE ASSY. PA-18 (150 HP)
12177	1	WIRELESS ASSY.
13177	1	8 AMP FUSE (PURCH.)
13177	1	3 AMP FUSE (PURCH.)
12296	1	BATTERY BOX INST. ON PA-18 & A (95)
		ON SAFE FLIGHT FOG WINGS ONLY (SEE NOTE 6)
		SAFE FLIGHT FOG COVER NOTE 6
	2	#22 MS20 ELASTIC STOP NUT
	1	SWITCH #13150 (12000) (PA-18 OR)
	1	3-5-573 PINNED TAPE DAC #AM3-5804-02 #AM3-5804-02
12865	2	CLEVIS ASSY.
12177-14	1	WIRE ASSY.
12177-75	1	
#10-32	2	3/8 LONG GD HD MACH SCR.
#5-32	2	22 MS20 ELASTIC STOP NUT
	2	22 MS20 STOP NUT
	1	GUDGEON #7-650
	1	6 VOLT "A" BATTERY
	1	TAIL LIGHT #X-2064 WITH LIGHT #1130 WITH #60 LENS WITH LIGHT #1156 WITH GREEN LENS
	1	1/8 ANGLE
	3	3 AG 30 FUSE (PURCH.)
	1	BATTERY 6 VOLT 120 AMP
	1	HEADING INDICATOR #1-01-0000
	1	1/8 x 3/8 FT. FRICTION TAPE
	1	.040 x 2 3/4 LG GEAR SAFE FLIGHT
	1	TYPE "A" MAGNETO SWITCH
	4	#6 BOLT
	2	#22 MS 20426 E.S.A.
	2	#10-32 SS F.H.M.S.
	2	#10-32 SS F.H.M.S.
AN931-4-20	1	GROMMET
AT960-516	1	
AT960-10	1	WASHER
AT960-10	1	
AN515-8	1	SCREW
#10-32	1	#10 HD MACH SCR.
#10-32	15	#10 HD MACH SCR.
#10-32	24	#10 HD MACH SCR.
#8-32	12	WASHER
#6-32	2	#6 HD MACH SCR.
#6-32	4	#6 HD MACH SCR.
#6-32	4	#6 HD MACH SCR.
#6-32	6	#6 HD MACH SCR.
#4	15	#4 HD MACH SCR.
10737-01	1	SLEEVE
10764-2	1	COUNTERSUNK
10762-51	1	
10722-5	8	WASHER
10722-5	2	
10762-44	6	
15656-2	1	
13525	1	
13574	1	
13562	1	
13580	1	
13179	1	
13051	1	
13526-2	1	INDICATOR
13805-2	1	
13562	1	LIGHT
10596	1	
10599-2	1	
15288-10	1	
14230-5	1	
12177-65	1	
12177-69	1	
12177-70	1	
12177-74	1	
12177-28	1	
24-10		
12177-73	1	
12177-71	1	
12156	1	
12061	1	
11134-7	1	
11134	1	
11122-3	1	
10438	1	

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	ADDED NOTE 6	1-10-78	
B	ADDED NOTE 6	1-10-78	
C	ADDED NOTE 6	1-10-78	
D	ADDED NOTE 6	1-10-78	
E	ADDED NOTE 6	1-10-78	
F	ADDED NOTE 6	1-10-78	
G	ADDED NOTE 6	1-10-78	
H	ADDED NOTE 6	1-10-78	
J	ADDED NOTE 6	1-10-78	
K	ADDED NOTE 6	1-10-78	
L	ADDED NOTE 6	1-10-78	
M	ADDED NOTE 6	1-10-78	
N	ADDED NOTE 6	1-10-78	
P	ADDED NOTE 6	1-10-78	
R	ADDED NOTE 6	1-10-78	
S	ADDED NOTE 6	1-10-78	
T	ADDED NOTE 6	1-10-78	
U	ADDED NOTE 6	1-10-78	
V	ADDED NOTE 6	1-10-78	
W	ADDED NOTE 6	1-10-78	
X	ADDED NOTE 6	1-10-78	
Y	ADDED NOTE 6	1-10-78	
Z	ADDED NOTE 6	1-10-78	

PIPER AIRCRAFT CORP.
LOCK HAVEN, PENN.

12302